

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Gary ESCHER, et al.

SERIAL NO: 10/550,416

FILED: September 23 2005

FOR: A METHOD FOR ADJOINING ADJACENT COATINGS ON A PROCESSING ELEMENT

IFW image

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313



SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449, which include references cited in the applications listed in Appendix A and not previously cited in the present application. Copies of the listed references are attached, where required, as are English language abstracts and translations for the non-English references. Applicants also wish to make of record the International Search Reports, PCT Written Opinions, Statement of Relevancy and U.S. Office Actions noted in Appendix A.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☒ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

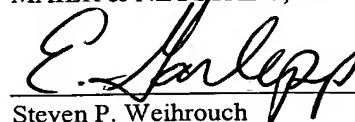
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.


Steven P. Weihrouch

Registration No. 32,829

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

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Edwin D. Garlepp

Registration No. 45,330

COPY

DOCKET NO.: 200633US0

page 1 of 1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hayashi OTSUKI

SERIAL NO.: New Application

FILED: Herewith

FOR: PROCESSING APPARATUS WITH A CHAMBER HAVING THEREIN A HIGH-CORROSION-RESISTANT SPRAYED FILM

STATEMENT OF RELEVANCY

Reference AA (4,469,619) on Form PTO-1449:

This patent discloses a method of manufacturing a green phosphor.

Reference AB (5,426,310) on Form PTO-1449:

This patent discloses an apparatus and a method of heat-treating an oxide optical crystal ($\text{Ti}_3\text{Al}_5\text{O}_{12}$ is one of materials of magnetic garnet).

Reference AO (8-81777) on Form PTO-1449:

This publication discloses an apparatus and a method for forming a TiN film by plasma CVD.

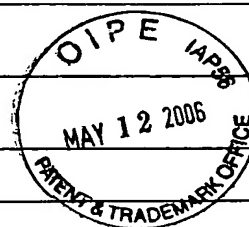
Reference AP (8-268751) on Form PTO-1449:

This publication discloses sintered YAG (yttrium/aluminium/garnet) powder whose X-ray diffraction strength ratio is equal to or larger than 0.5, and a method for producing the same.

Reference AQ (7-226378) on Form PTO-1449:

This publication discloses an apparatus and a method for forming a Ti/TiN film by helicon wave plasma.

Form PTO 1449 COMMERCE (Modified) OFFICE		U.S. DEPARTMENT OF PATENT AND TRADEMARK		ATTY DOCKET NO. 277634US6YA PCT		SERIAL NO. 10/550,416	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Gary ESCHER, et al.		GROUP	
				FILING DATE September 23, 2005			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AA	1 156 130	11/21/2001	Europe (in English)			
	AB	10-004083	01/06/1998	Japan (w/ English abstract and computer translation)	x		
	AC	2001-226773	08/21/2001	Japan (w/ English abstract; corresponding to US 2001/0003271 A1)		x	
	AD	2000-303180	10/31/2000	Japan (w/ English abstract; corresponding to US 2003/0010446 A1)		x	
	AE	0 814 495	06/1997	Europe (in English)			
	AF	05-198532	08/1993	Japan (w/ English abstract and computer translation)	x		
	AG	10-214819	08/1998	Japan (w/ English abstract and computer translation)	x		
	AH	2002-151473	05/2002	Japan (w/ English abstract; corresponding to US 2004/0035364 A1)		x	
	AI	02/39495	05/16/2002	WIPO (w/ English abstract; corresponding to US 2004/0035364 A1)		x	
	AJ	1 069 603	01/17/2001	Europe (in English)			
	AK	07-245295	09/1995	Japan (w/ English abstract and computer translation)	x		
	AL	0 841 838	05/1998	Europe (in English)			
	AM	99/50886	10/1999	WIPO (in English)			
	AN	0 573 057	12/1993	Europe (in English)			
	AO	2000-124197	04/28/2000	Japan (w/ English abstract and computer translation)	x		
	AP	1 081 749	07/03/2001	Europe (in English)			
	AQ	4-238882	08/1992	Japan (w/ certified English translation)	x		
	AR	1-312087	12/1989	Japan (w/ English abstract; corresponding to US Patent 4,968,374)		x	
	AS	08-041309	02/1996	Japan (w/ English abstract and computer translation)	x		
	AT	08-081777	03/26/1996	Japan (w/ English abstract and computer translation)	x		
	AU	08-268751	10/15/1996	Japan (w/ English abstract and computer translation)	x		
	AV	07-226378	08/22/1995	Japan (w/ English abstract and computer translation)	x		
	AW	64-039728	02/1989	Japan (w/ certified English translation)	x		
	AX	03-115535	05/1991	Japan (w/ certified English translation)	x		
	AY	05-117064	05/1993	Japan (w/ English abstract and corresponding to EP 0 508 731 filed herewith)		x	
	AZ	05-238859	09/1993	Japan (w/ English abstract and computer translation)	x		
	BA	06-057396	03/1994	Japan (w/ English abstract and computer translation)	x		
	BB	06-136505	05/1994	Japan (w/ English abstract and computer translation)	x		
	BC	06-142822	05/1994	Japan (w/ English abstract and computer translation)	x		
	BD	07-126827	05/1995	Japan (w/ English abstract and computer translation)	x		
	BE	07-176524	07/1995	Japan (w/ English abstract and computer translation)	x		
	BF	08-037180	02/1996	Japan (w/ English abstract and computer translation)			
	BG	08-339895	12/1996	Japan (w/ English abstract; corresponding to US Patent 5,919,332)		x	
	BH	09-069554	03/1997	Japan (w/ English abstract; corresponding to US Patent 5,909,354)		x	
	BI	09-272987	10/1997	Japan (w/ English abstract; corresponding to US Patent 5,955,182)		x	
				<input checked="" type="checkbox"/> Additional References sheet(s) attached			
Examiner				Date Considered			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO		
	AA	10-045461	02/1998	Japan (w/ English abstract and computer translation)	x		
	AB	10-045467	02/1998	Japan (w/ English abstract and computer translation)	x		
	AC	11-080925	03/1999	Japan (w/ English abstract; corresponding to US Patent 6,139,983)			x
	AD	11-207161	08/1999	Japan (w/ English abstract and computer translation)	x		
	AE	2001-031484	02/2001	Japan (w/ English abstract and computer translation)	x		
	AF	10-251871	09/1998	Japan (w/ English abstract; corresponding to US Patent 6,120,640)			x
	AG	02/48421	06/20/2002	WIPO (w/ English abstract; corresponding US 2004/0081746 A1)			x
	AH	01/42526	06/14/2001	WIPO (w/ English abstract; corresponding to US Patent 6,783,863)			x
	AI	0 508 731	10/14/1992	Europe (in English)			
	AJ	2001-164354	06/19/2001	Japan (w/ computer translation; English abstract; corresponding to US Patent 6,783,863)	x		
	AK	11-233292	08/27/1999	Japan (w/ English abstract and computer translation)	x		
	AL	11-312646	11/09/1999	Japan (w/ English abstract; corresponding to US Patent 6,383,333)			x
	AM	05-121360	05/18/1993	Japan (w/ English abstract and computer translation)	x		
	AN	94 21 671	07/1996	Germany (w/ computer translation)	x		
	AO	2 252 567	08/1992	Great Britain			
	AP	06-256926	09/1994	Japan (w/ English abstract and computer translation)	x		
	AQ	0 799 904	10/1997	Europe (in English)			
	AR	10/2004-0007601	01/2004	Korea (corresponding to US 2004/0168640A1)			
	AS	61-207566	09/1986	Japan (corresponding to US 5,204,189)			
	AT	07-058013 A	03/1995	Japan (English abstract and computer translation)	x		
	AU	02-267967	11/1990	Japan (Certified translation filed herewith)	x		
	AV	2004/030011	04/2004	WIPO			
	AW	2004/030012	04/2004	WIPO			
	AX	2004/030013	04/2004	WIPO			
	AY	2004/030014	04/2004	WIPO			
	AZ	2004/030015	04/2004	WIPO			
	BA	2004/030020	04/2004	WIPO			
	BB	2004/030426	04/2004	WIPO			
	BC	2004/095530	11/2004	WIPO			
	BD	2004/095532	11/2004	WIPO			
				<input checked="" type="checkbox"/> Additional References sheet(s) attached			
Examiner				Date Considered			
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Form PTO 1449 COMMERCE (Modified) OFFICE		U.S. DEPARTMENT OF PATENT AND TRADEMARK		ATTY DOCKET NO. 277634US6YA PCT		SERIAL NO. 10/550,416	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Gary ESCHER, et al.			
				FILING DATE September 23, 2005		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS		
	AA	6,176,969	01/23/2001	Park et al.			
	AB	5,919,332	07/06/1999	Koshiishi et al.			
	AC	2004/0035364	02/26/2004	Tomoyoshi et al.			
	AD	5,366,585	11-1994	Robertson et al.			
	AE	5,868,848	02-1999	Tsukamoto, Yuji			
	AF	6,110,287	08-2000	Arai et al.			
	AG	6,129,808	10-2000	Wicker et al.			
	AH	6,264,788	07-2001	Tomoyasu et al.			
	AI	6,394,026	05-2002	Wicker et al.			
	AJ	6,444,083	09-2002	Steger et al.			
	AK	6,514,377	02-2003	Morimoto, Tamotsu			
	AL	6,527,911	03-2003	Yen et al.			
	AM	6,533,910	03-2003	O'Donnell et al.			
	AN	6,537,429	03-2003	O'Donnell et al.			
	AO	6,544,380	04-2003	Tomoyasu et al.			
	AP	6,583,064	06-2003	Wicker et al.			
	AQ	6,733,620	05-2001	Sugiyama et al.			
	AR	2002/0086501	07-2002	O'Donnell et al.			
	AS	2002/0086545	07-2002	O'Donnell et al.			
	AT	2002/0086553	07-2002	O'Donnell et al.			
	AU	2002/0142611	10-2002	O'Donnell et al.			
	AV	2003/0084848	05-2003	Long, Maolin			
	AW	2004/0026372	02-2004	Takenaka et al.			
	AX	2004/0060516	04-2004	Nishimoto et al.			
	AY	2004/0060656	04-2004	Saigusa et al.			
	AZ	2004/0060657	04-2004	Saigusa et al.			
	BA	2004/0060658	04-2004	Nishimoto et al.			
	BB	2004/0060661	04-2004	Nishimoto et al.			
	BC	2004/0061447	04-2004	Saigusa et al.			
	BD	2004/0063333	04-2004	Saigusa et al.			
	BE	2004/0125359	07-2004	Ludviksson et al.			
	BF					<input checked="" type="checkbox"/> Additional References sheet(s) attached	
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AA	6,894,769	05/2005	Ludviksson et al.			
	AB	6,875,477	04/2005	Trickett et al.			
	AC	6,852,433	02/2005	Maeda, Takao			
	AD	6,833,279	12/2004	Choi, Jin-Sik			
	AE	6,811,651	11/2004	Long, Maolin			
	AF	6,806,949	10/2004	Ludviksson et al.			
	AG	6,805,952	10/2004	Chang et al.			
	AH	6,783,875	08/2004	Yamada et al.			
	AI	6,776,873	08/2004	Sun et al.			
	AJ	6,613,442	09/2003	O'Donnell et al.			
	AK	4,877,757	10/1989	York et al.			
	AL	5,637,237	06/1997	Oehrlein et al.			
	AM	5,834,070	11/1998	Movchan et al.			
	AN	6,296,740	10/2001	Xie et al.			
	AO	6,613,204	09/2003	Xie et al.			
	AP	5,891,253	04/1999	Wong et al.			
	AQ	2004/0050495	03/2004	Sumiya et al.			
	AR	2004/0083970	05/2004	Imafuku et al.			
	AS	5,885,356	03/1999	Zhao et al.			
	AT	2001/0050144	12/2001	Nishikawa et al.			
	AU	5,902,763	05/1999	Waku et al.			
	AV	5,423,936	06/1995	Tomita et al.			
	AW	6,554,906	04/2003	Kuibira, et al.			
	AX	6,266,133	07/2001	Miyajima, et al.			
	AY	2004/0168640A1	09/2004	Muto, et al.			
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AZ	Production drawing for Deposition Shield, Upper believed to be sold in the U.S. on April 12, 2000.					
	BA	Production drawing for Deposition Shield believed to be sold in the U.S. prior to September 30, 2001.					
	BB	Production drawing for Upper Electrode believed to be sold in the U.S. prior to September 30, 2001.					
	BC	JIS Using Series, "Spraying Techniques Manual.", p. 95 (Oct. 30, 1998, Japanese Standard Association), with English Translation					
						<input checked="checked" type="checkbox"/> Additional References sheet(s) attached	
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		FILING DATE September 23, 2005	GROUP			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4,842,683	06/1989	Cheng et al.		
	AB	6,663,714	12/2003	Mizuno et al.		
	AC	6,726,801	04/2004	Ahn, Jae-Su		
	AD	6,562,186	05-2003	Saito et al.	156	345.24
	AE	5,885,402	03-1999	Esquibel, James	156	345.24
	AF	2002/0177001	11-2002	Harada et al.	428	469
	AG	5,521,790	05-1996	Ruckel et al.	361	234
	AH	6,068,729	05-2000	Shrotriya, Ashish V.	156	345.26
	AI	5,968,377	10-1999	Yuasa et al.		
	AJ	5,955,182	09/1999	Yasuda et al.		
	AK	6,364,949	4/2002	Or et al.		
	AL	5,911,852	6/1999	Katayama et al.		
	AM	5,074,456	12/1991	Degner et al.		
	AN	4,612,077	9/1986	Tracy et al.		
	AO	6,182,603	2/2001	Shang et al.		
	AP	2003/0010446	1/2003	Kajiyama et al.		
	AQ	2001/0003271	6/2001	Otsuki		
	AR	2002/0076508	6/2002	Chiang et al.		
	AS	6,368,987	4/2002	Kopacz et al.		
	AT	2004/0072426	4/2004	Jung		
	AU	2005/0150866	07-2005	O'Donnell	216	067
	AV	2003/0113479	06-2003	Fakuda et al.	427	569
	AW	4,357,387	11-1982	George et al.	442	71
	AX	5,925,228	07-1999	Panitz	204	484
	AY	5,892,278	07-1999	Horita	257	706
	AZ	6,073,449	06-2000	Watanabe et al.	62	3.2
	BA	2005/0103275	02-2004	Sasaki et al.		
	BB	4,310,390	01-1982	Bradley et al.		
				<input checked="" type="checkbox"/> Additional References sheet(s) attached		
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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

277634US6YA PCT

SERIAL NO.

10/550,416

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Gary ESCHER, et al.

FILING DATE

September 23, 2005

GROUP

2891

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	6,383,964	5/2002	Nakahara et al.			
	AB	6,123,791	9/2000	Han et al.			
	AC	6,170,429	1/2001	Schoepp et al.			
	AD	6,096,161	8/2000	Kim et al.			
	AE	5,362,335	11/1994	Rungta			
	AF	5,952,060	9/1999	Ravi			
	AG	5,680,013	10/1997	Dornfest et al.			
	AH	5,494,713	2/1996	Ootuki			
	AJ	5,000,113	3/1991	Wang et al.			
	AK	5,334,462	8/1994	Vine et al.			
	AL	6,830,622	12/2004	O'Donnell et al.			
	AM	6,335,293	1/2002	Luo et al.			
	AN	6,221,202	4/2001	Walko, II			
	AO	5,900,064	5/1999	Kholodenko			
	AP	5,641,375	6/1997	Nitescu et al.			
	AQ	6,383,333	5/2002	Haino et al.			
	AR	6,590,660	7/2003	Jung et al.			
	AS	6,570,654	5/2003	Jung et al.			
	AT	6,519,037	2/2003	Jung et al.			
	AU	6,373,573	4/2002	Jung et al.			
	AV	6,246,479	6/2001	Jung et al.			
	AW	5,851,343	12/1998	Hsu et al.			
	AX	6,210,486	4/2001	Mizukami et al.			
	AY	2002/0086118	7/2002	Chang et al.			
	AZ	2003/0029563	2/2003	Kaushal et al.			
	BA	4,593,007	6/1986	Novinski			
	BB	5,985,102	11/1999	Leiphart			
	BC	6,106,625	8/2000	Koai et al.			
	BD	6,123,804	9/2000	Babassi et al.			
	BE	4,469,619	9/1984	Ohno et al.			
	BF	5,426,310	6/1995	Tamada et al.			
	BG	5,556,501	9/1996	Collins et al.			
	BH	5,614,055	3/1997	Fairbairn et al.			
	BI	5,944,902	8/1999	Redeker et al.			
	BJ	5,994,662	11/1999	Murugesh			
	BN				<input type="checkbox"/> Additional References sheet(s) attached		

Examiner

Date Considered

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	AA	5,894,887	4/1999	Kelsey et al.			
	AB	5,879,575	3/1999	Tepman et al.			
	AC	5,759,360	6/1998	Ngan et al.			
	AD	5,798,016	8/1998	Oehrlein et al.			
	AE	6,139,983	10/2000	Ohashi et al.			
	AF	5,484,752	1/1996	Waku et al.			
	AG	5,895,586	4/1999	Kaji et al.			
	AH	6,120,640	9/2000	Shih et al.			
	AI	6,738,862	5/2004	Ross et al.			
	AJ	6,783,863	8/2004	Harada et al.			
	AK	6,837,966	1/2005	Nishimoto et al.			
	AL	6,798,519	9/2004	Nishimoto et al.			
	AM	2004/0173155	9/2004	Nishimoto et al.			
	AN	6,641,697	11/2003	Han et al.			
	AO	2004/0081746	4/2004	Imafuku			
	AP	2003/0200929	10/2003	Otsuki			
	AQ	6,884,516	4/2005	Harada et al.			
	AR	6,695,929	2/2004	Kanekiyo et al.			
	AS	5,725,960	3/1998	Konishi et al.			
	AT	5,551,190	9/1996	Yamagishi et al.			
	AU	2005/0103268	5/2005	Nishimoto et al.			
	AV	2004/0216667	11/2004	Mitsuhashi et al.			
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INVENTORS: Gary ESCHER, et al.

LIST OF RELATED CASES

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Patent Appl. Publication No.</u>	<u>Inventor/ Applicant</u>	<u>Client's Reference No.</u>
225277US6YA	10/259,757	09/30/02	2004/0061447	Hidehito SAIGUSA, et al.	PC222A
226272US6YA	10/259,858	09/30/02	2004/0060661	Shinya NISHIMOTO, et al.	PC223A / USP032100
226274US6YA	6,837,966	01/04/05		Shinya NISHIMOTO, et al.	PC224A / USP032101
262196USYACONT	11/010,373	12/14/04	2005/0103268	Shinya NISHIMOTO, et al.	PC224A (parent) / USP032101 (parent)
228411US6YA	10/259,380	09/30/02	2004/0063333	Hidehito SAIGUSA, et al.	PC224B / USP032102
226275US6YA	10/259,353	09/30/02	2004/0060657	Hidehito SAIGUSA, et al.	PC225A
226276US6YA	6,798,519	09/28/04		Shinya NISHIMOTO, et al.	PC226A / USP032104
250583US6YADIV	10/803,994	03/19/04	2004/0173155	Shinya NISHIMOTO, et al.	PC226A (parent) / USP032104 (parent)
226277US6YA	10/259,306	09/30/02	2004/0060656	Hidehito SAIGUSA, et al.	PC227A
233240WO6	PCT/US2004/006080	03/18/04	WO 2004/095532	Gary ESCHER, et al.	PC6036A
277605US	10/550,215	09/22/05	None	Gary ESCHER, et al.	PC6036A

*Present Application; listed for information
SPW/EDG/aaf

235015WO6	PCT/US2004/006077	03/17/04	WO 2004/095530	Gary ESCHER, et al.	PC6037A
277634US6YA*	10/550,416	09/23/05	None	Gary ESCHER, et al.	PC6037A
PER CLIENT	10/450,094	12/15/03	2004/0081746	Kosuke IMAFUKU	UNKNOWN
200633US2	09/731,722	12/08/00	2001/0003271	Hayashi OTSUKI	6MN- 00S0860-1
238231US2CONT	10/444,957	05/27/03	2003/0200929	Hayashi OTSUKI	6MN- 00S0860-1C
246070US2	10/722,602	11/28/03	2004/0216667	Kouji MITSUHASHI	PA310014/ TKE/US-JH
PER CLIENT	6,783,863	08/31/04		Yoshio HARADA, et al.	UNKNOWN
PER CLIENT	6,884,516	04/26/05		Yoshio HARADA, et al.	UNKNOWN
PER CLIENT	11/072,448	03/07/05			UNKNOWN

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APPENDIX A

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Publication No. 2004/0061447 (listed on attached PTO-1449) and corresponding PCT

Application Serial No. PCT/IB03/04666 filed September 29, 2003 (International

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U.S. Publication No. 2004/0060661 (listed on attached PTO-1449) and corresponding

PCT Application Serial No. PCT/IB03/04923 filed September 29, 2003 (International

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No. 6,837,966 (listed on attached PTO-1449), corresponding PCT Application Serial

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*Present Application family; listed for information